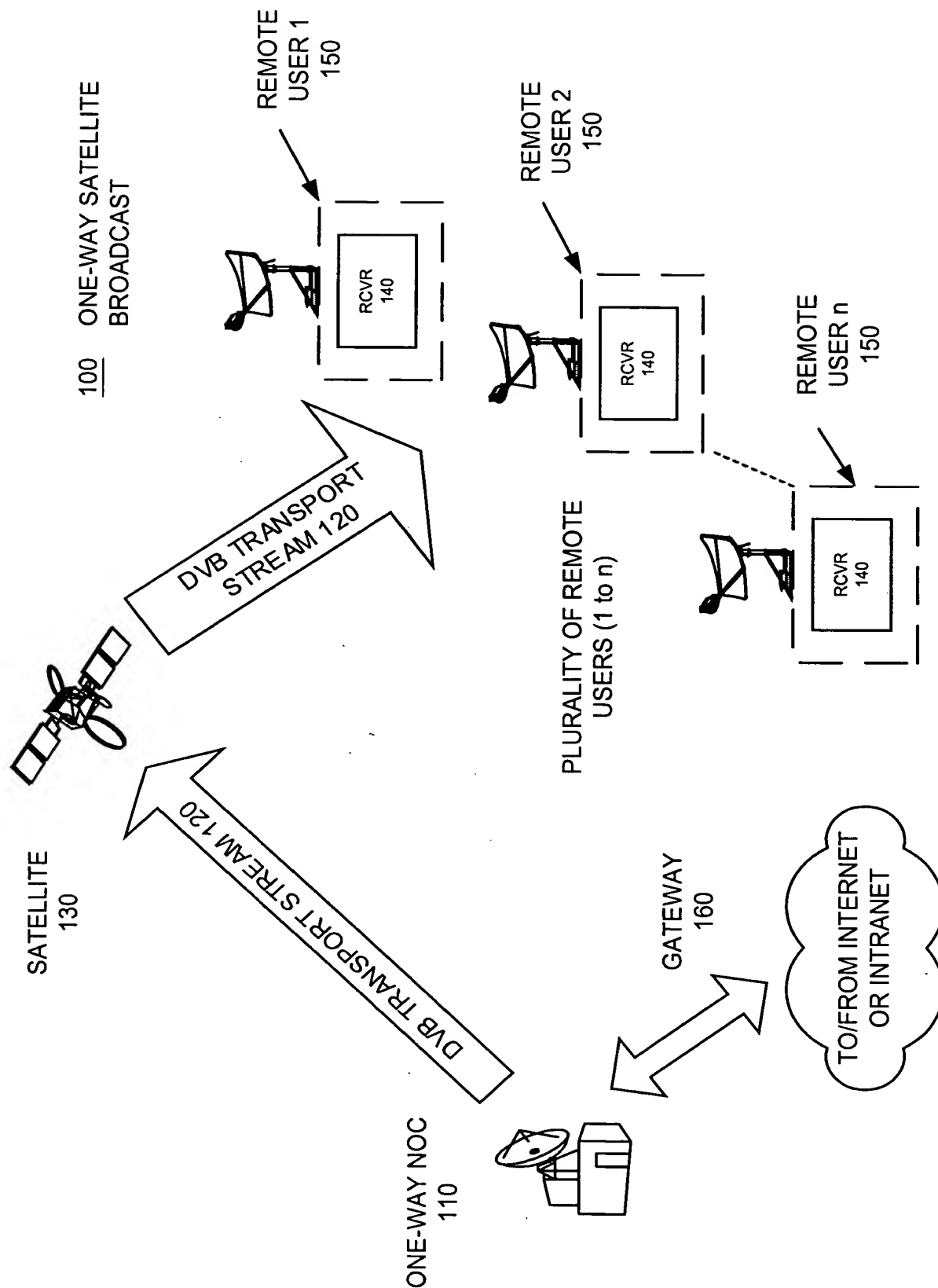


003021 "SEE 003021" SEE 003021

**FIG. 1 - (CONVENTIONAL ART)**



OBJECT "SATELLITE"

130

TWO-WAY SATELLITE  
COMMUNICATION  
SYSTEM

200

DVB TRANSPORT  
STREAM 220

DVB TRANSPORT STREAM

220a, 220b

NOC1  
210a

NOC2  
210b

GATEWAY  
160

SYS SYMBOL  
TIMING REF  
240

REMOTE  
USER 1  
150

REMOTE  
USER 2  
150

TRANSCIVER  
230

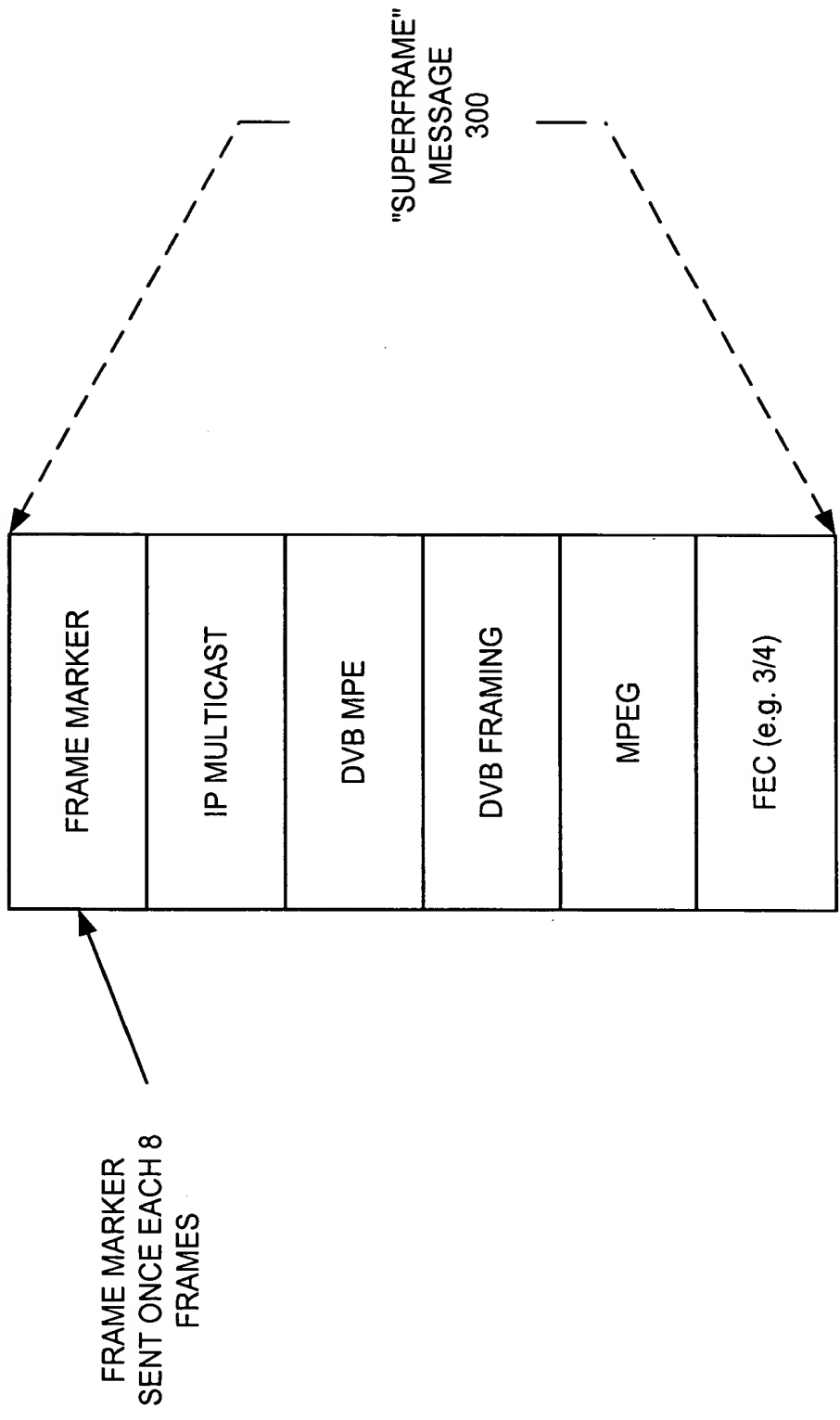
TRANSCIVER  
230

"VSAT-LIKE" INROUTE OR  
= RETURN CHANNEL  
UPLINK (n CHANNELS)

TO/FROM INTERNET  
OR INTRANET

FIG. 2

packet" selected



IP/DVB PROTOCOL LAYERING

FIG. 3

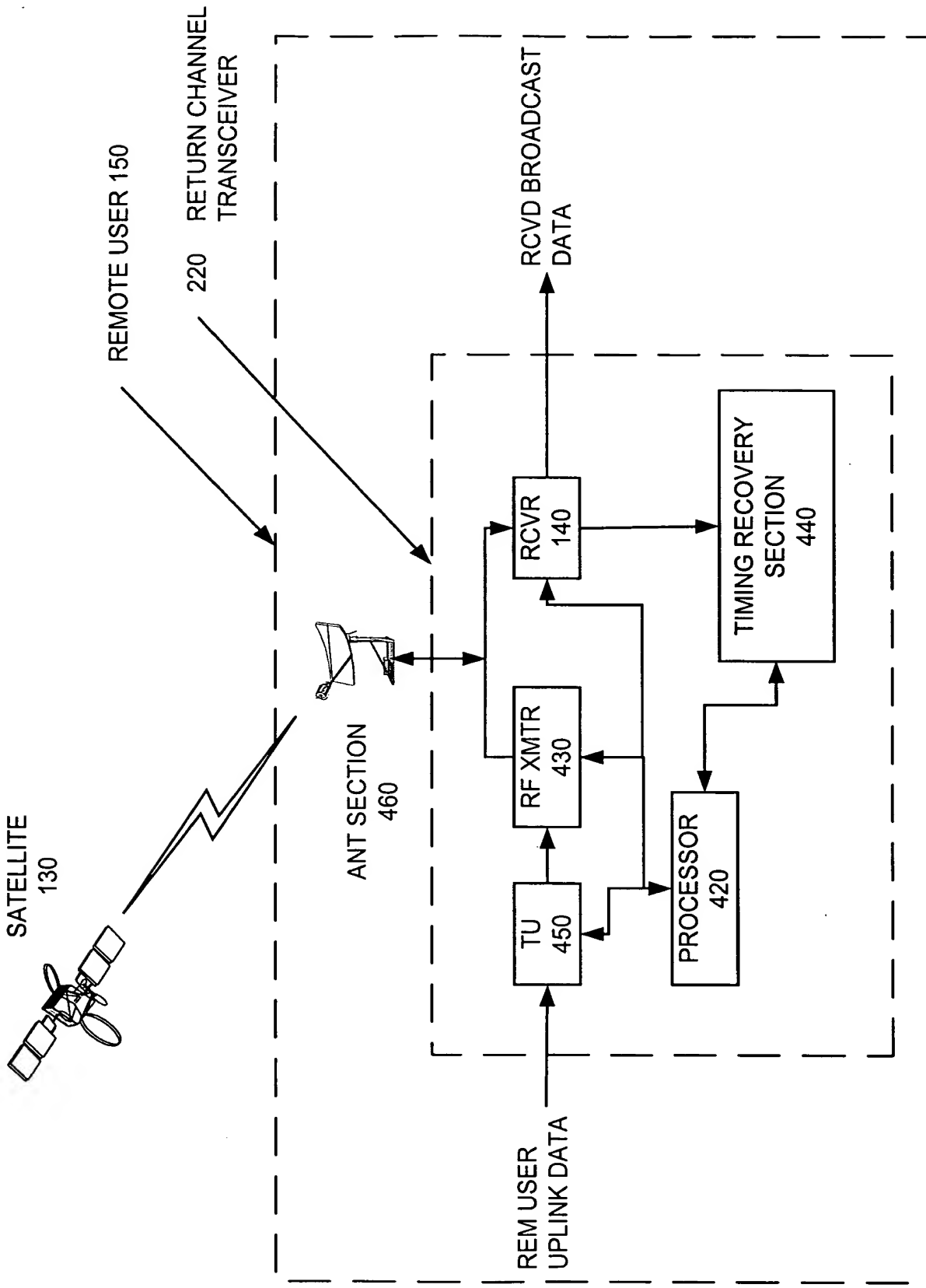
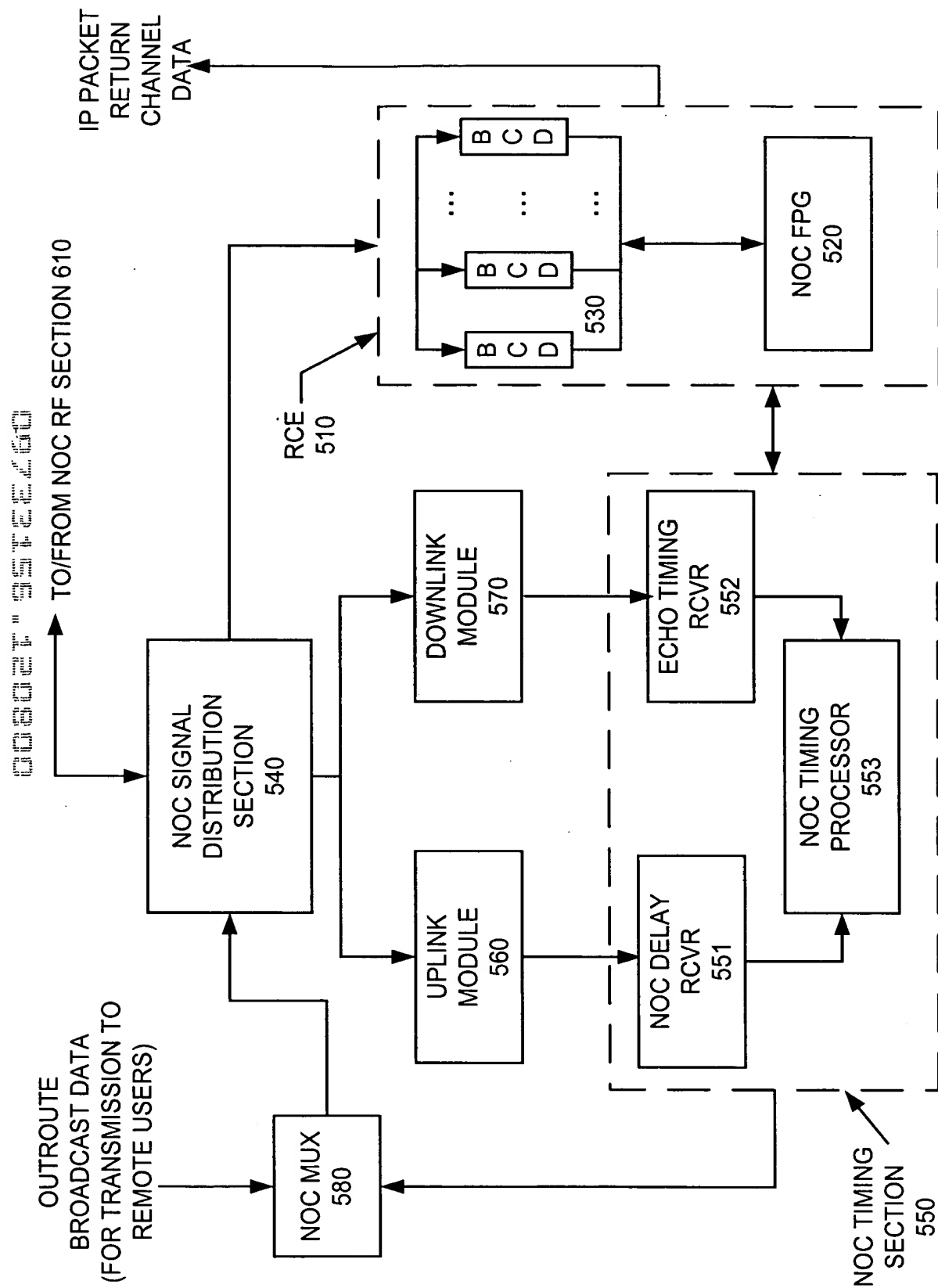
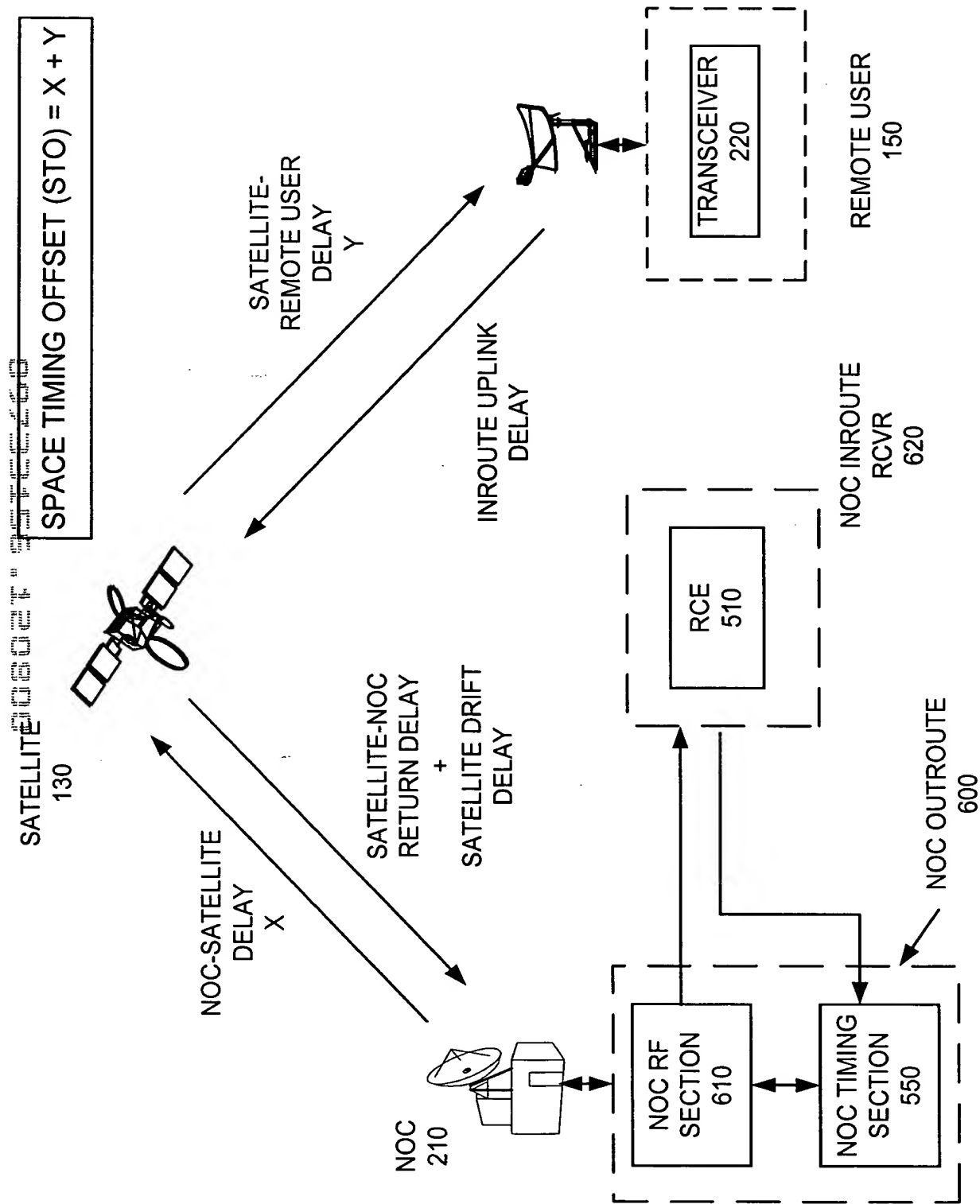


FIG. 4 - RETURN CHANNEL TRANSCEIVER



**FIG. 5 - NOC RETURN CHANNEL EQUIPMENT INTERFACE**



**FIG. 6 - SATELLITE COMMUNICATION TIMING DELAYS**